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How to install the Palomar RFX85
on Galaxy 939, 949, 959 radios and
Ranger 396, 696, 966 radios with MOSFET finals

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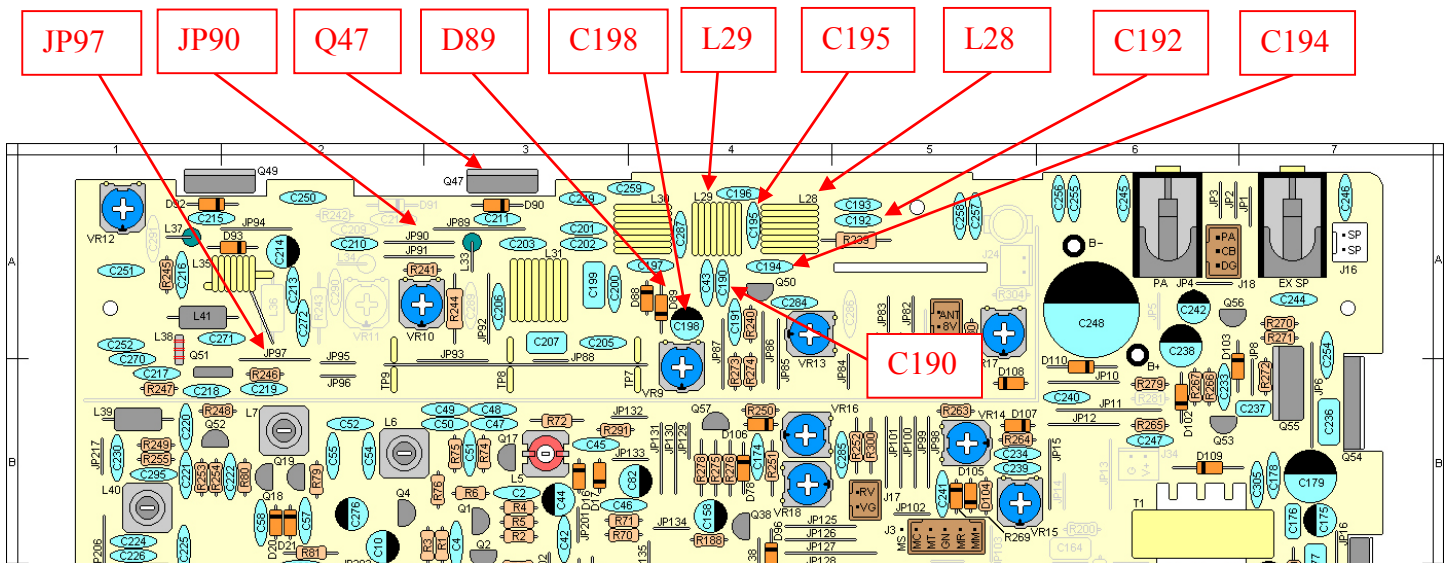
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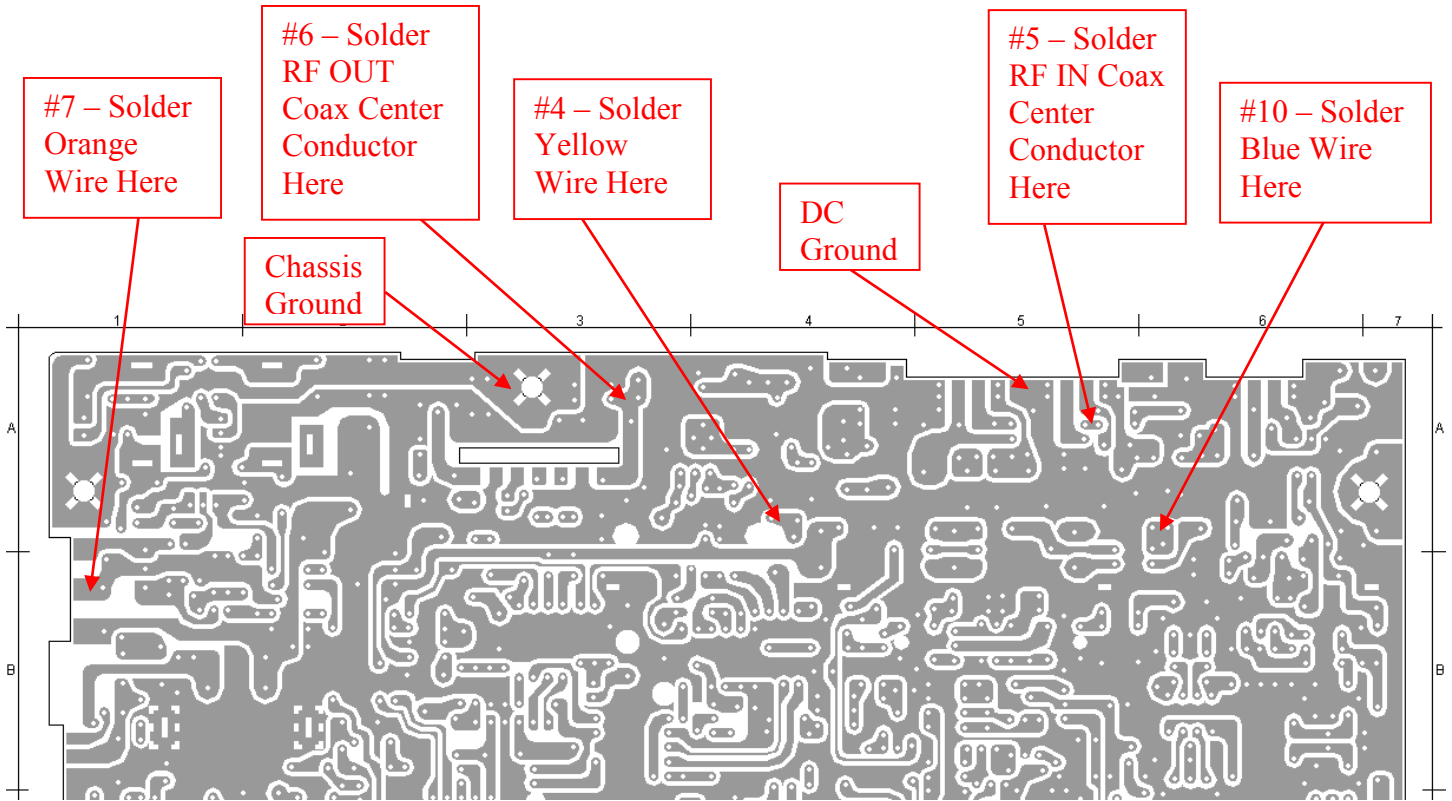
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RFX85 Installation on the Galaxy 939, 949, 959 and Ranger 396, 696, 966 Radios with MOSFET Finals

1. From the radio, remove JP90, D89, Q47, L28, L29, C192, C194, C195 and C198
2. Drill hole for wires and mount the RFX85 per instructions.
3. Solder the Yellow wire to the positive side of C198.
4. Solder the RF IN coax center conductor to junction of C210 and JP91. Solder coax shield to DC ground.
5. Solder the RF OUT coax center conductor to junction of L28 and C192. Solder the coax shield to chassis ground.
6. Solder the Orange wire to the center leg of Q54.
7. Unsolder the lead of C190 that is closest to the rear panel of the radio, and solder a 3.3K ohm, 1/4 watt resistor in-series with this capacitor.
8. Install a jumper wire in the 2 holes where L28 was removed.
9. Solder the Blue wire to JP97 (8 volts in transmit mode only)
10. Retune TX and RX. Do not set carrier higher than 15 watts!



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